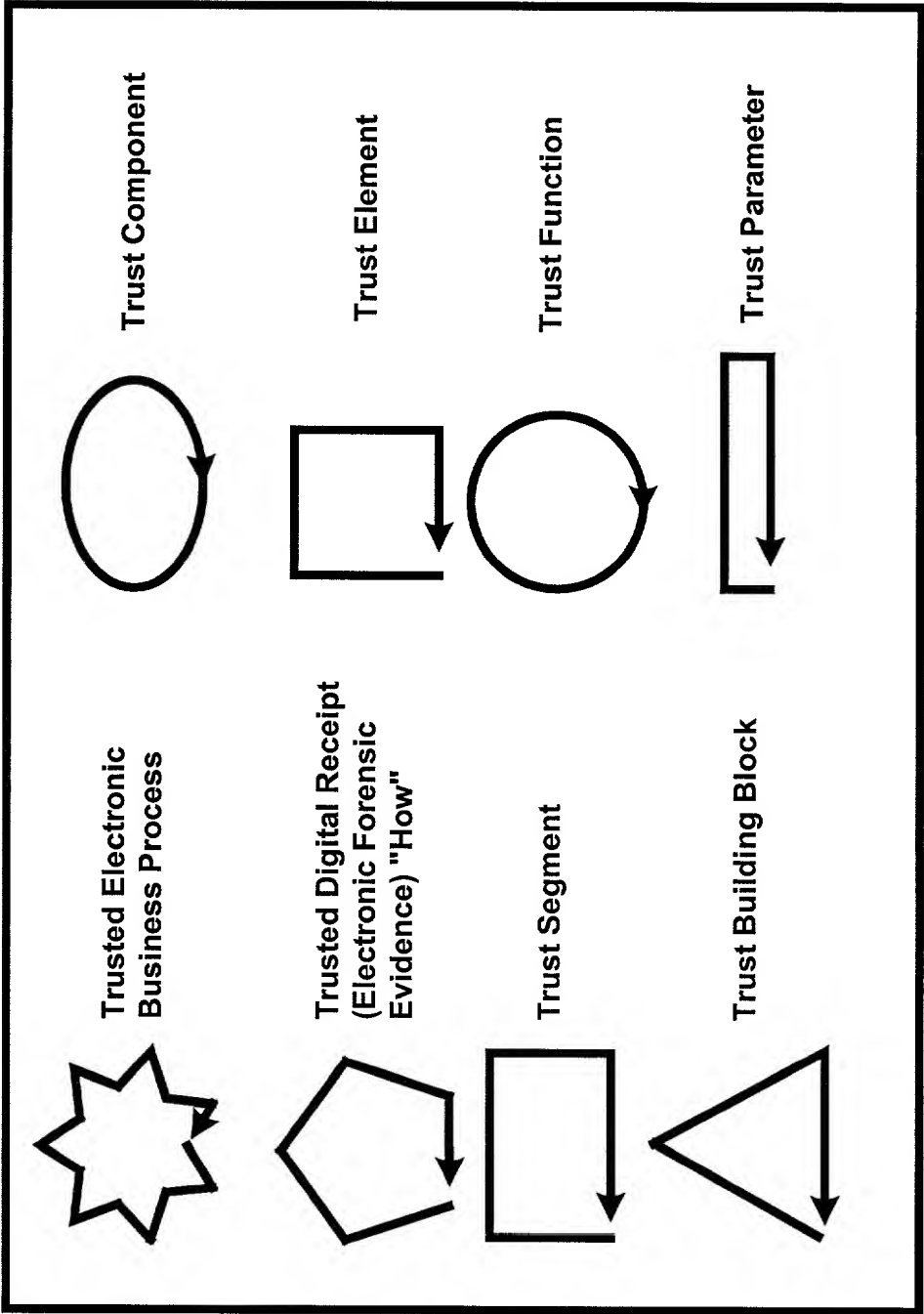


Figure 1. Trusted End-to-End Electronic Business Digital Chain of Trust Model



Legend: Digital Chain of Trust Relational Hierarchy

FIGURE ii

# Trust Segment 1: Trusted Identity Authentication

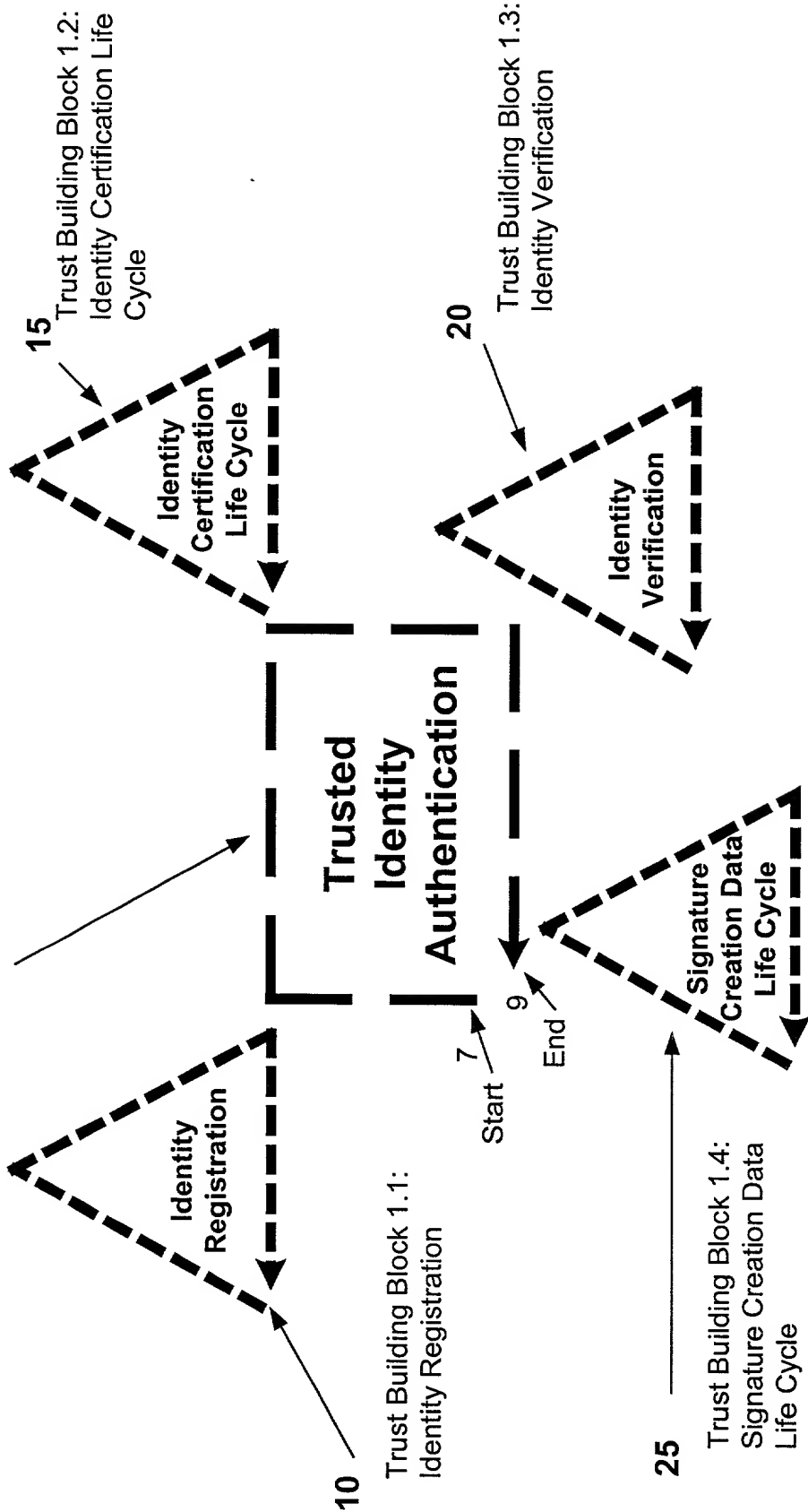


Figure 1.0 : Trust Building Blocks of Trust Segment 1: Trusted Identity Authentication

# Trust Building Block 1.1: Identity Registration

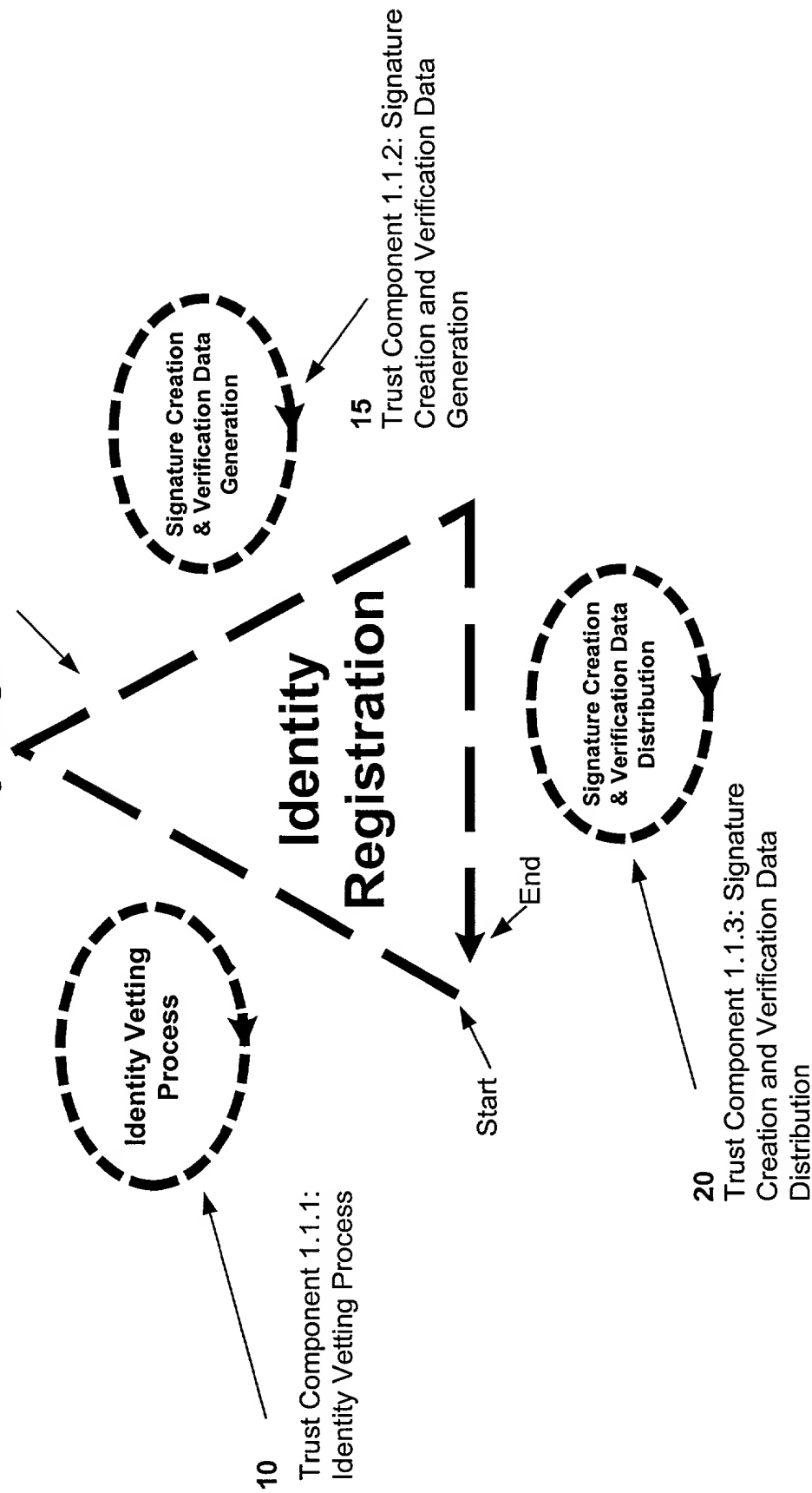


Figure 1.1: Trust Building Block 1.1:  
Identity Registration

# Trust Component 1.1.1: Identity Vetting Process

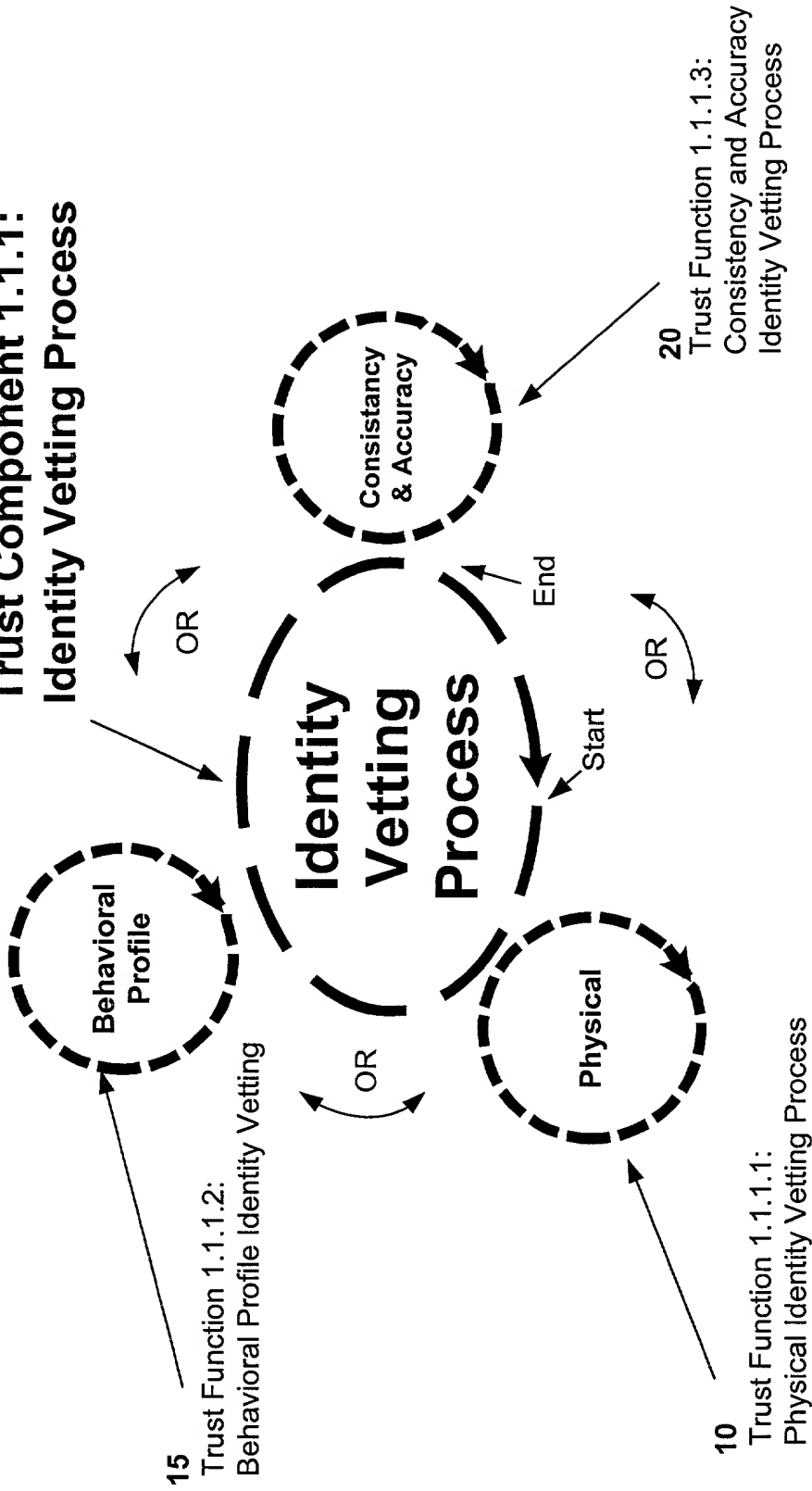
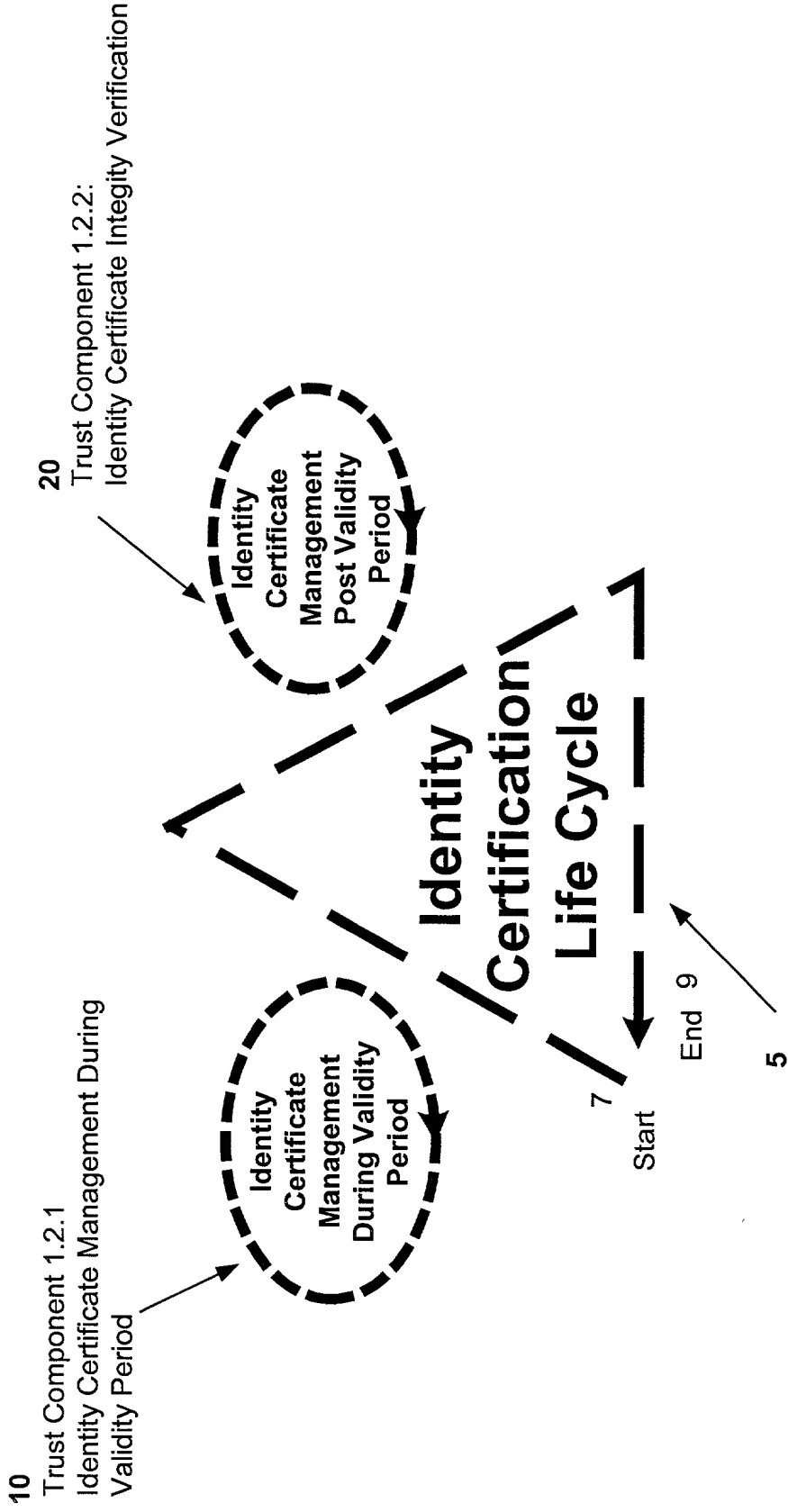
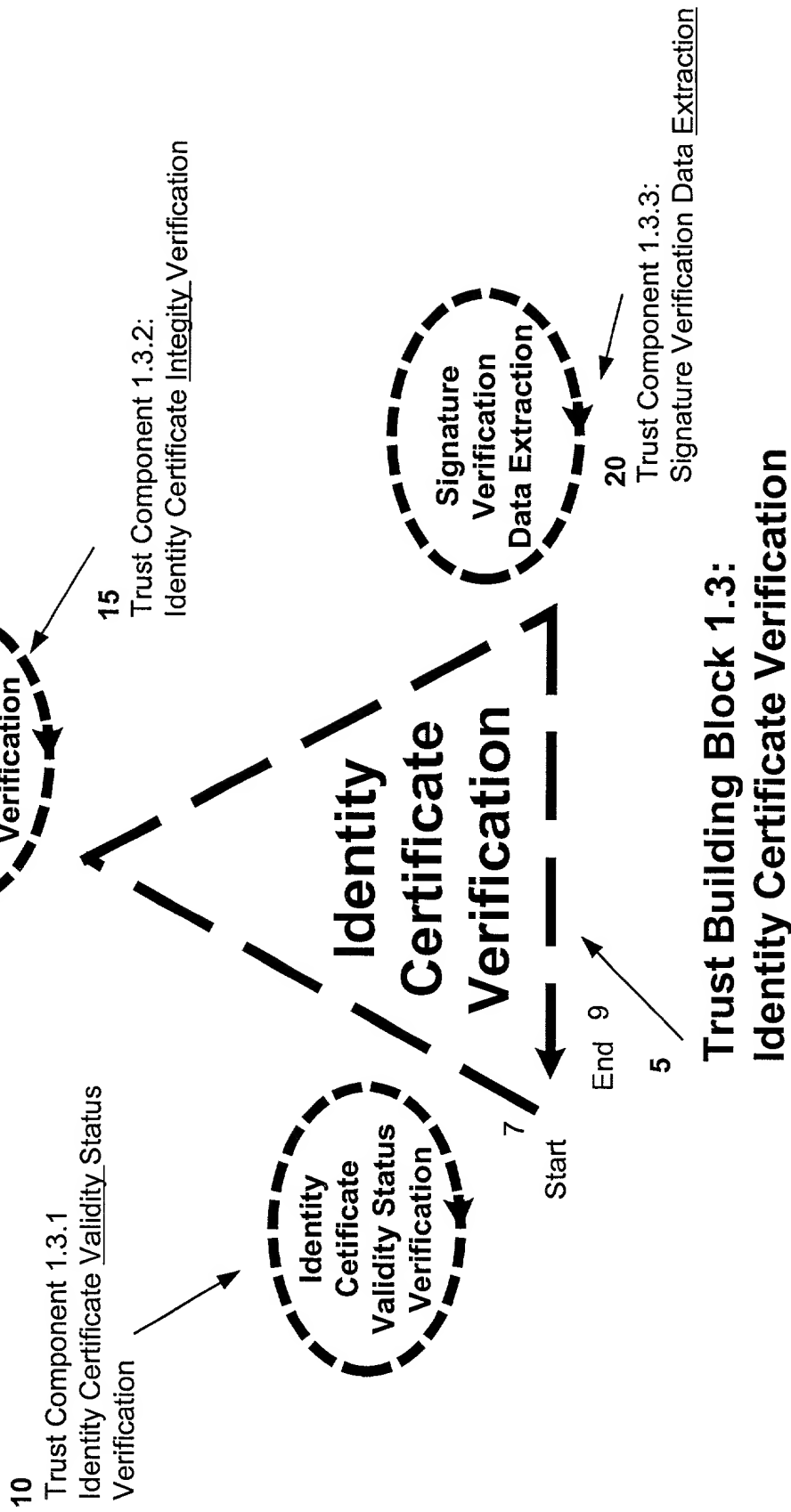


Figure 1.1.1: The Trust Functions of Trust Component 1.1.1: Identity Vetting  
Process of Trust Building Block 1.1: Identity Registration of Trust  
Segment 1: Trusted Identity Authentication

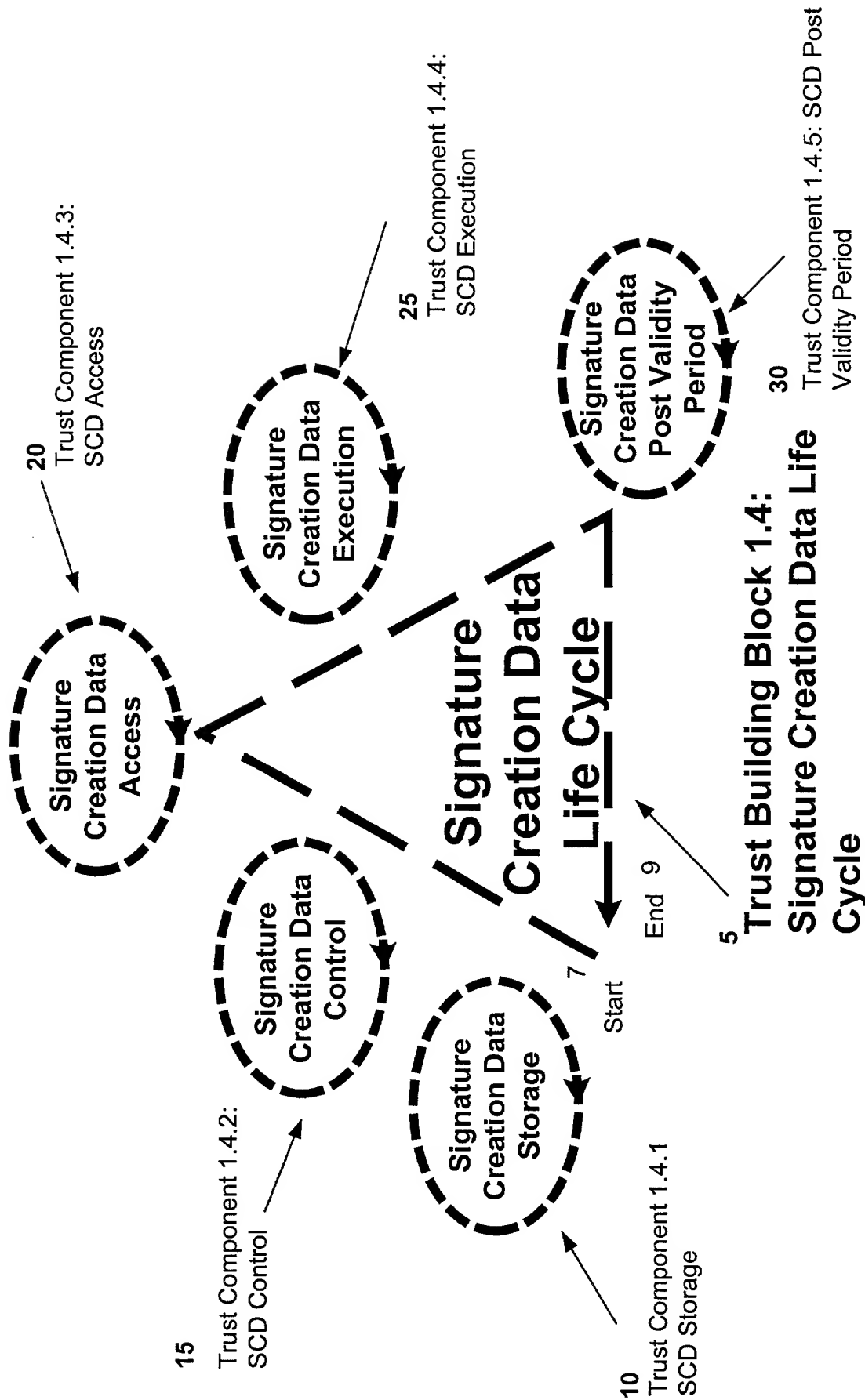


**Trust Building Block 1.2:  
Identity Certification Life Cycle**

**Figure 1.2-:** The Trust Components of Trust Building Block 1.2: Identity Certification Life Cycle, of Trust Segment 1: Trusted Identity Authentication



**Figure 1.3 :**  
The Trust Components of Trust Building Block 1.3: Identity  
Certificate Verification of Trust Segment 1: Trusted Identity  
Authentication



**Figure 1.4.1:** The Trust Components of Trust Building Block 1.4: Signature Creation Data Life Cycle of Trust Segment 1: Trusted Identity Authentication



5

## Trust Segment 2: Trusted Information Integrity

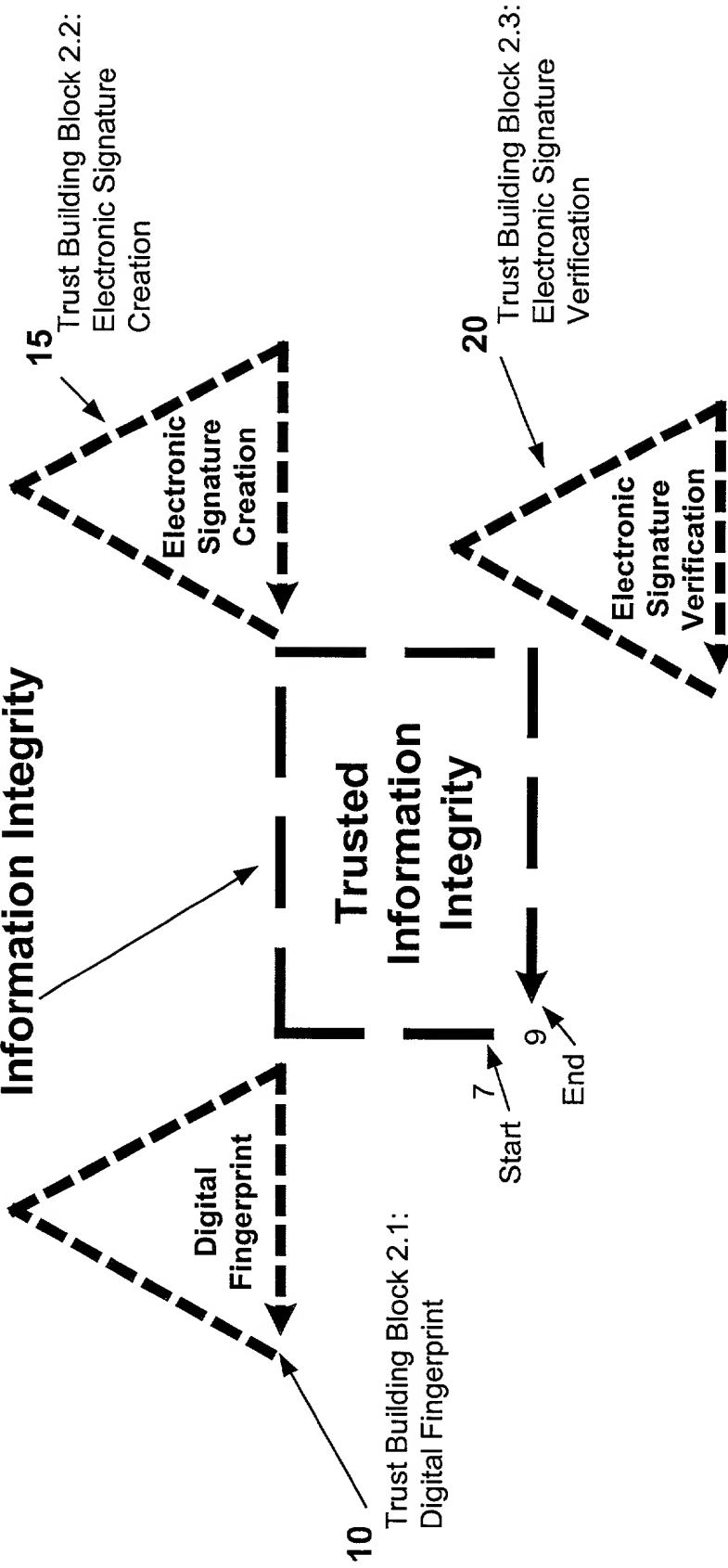


Figure 2.0: Trust Building Blocks of Trust Segment 2: Trusted Information Integrity

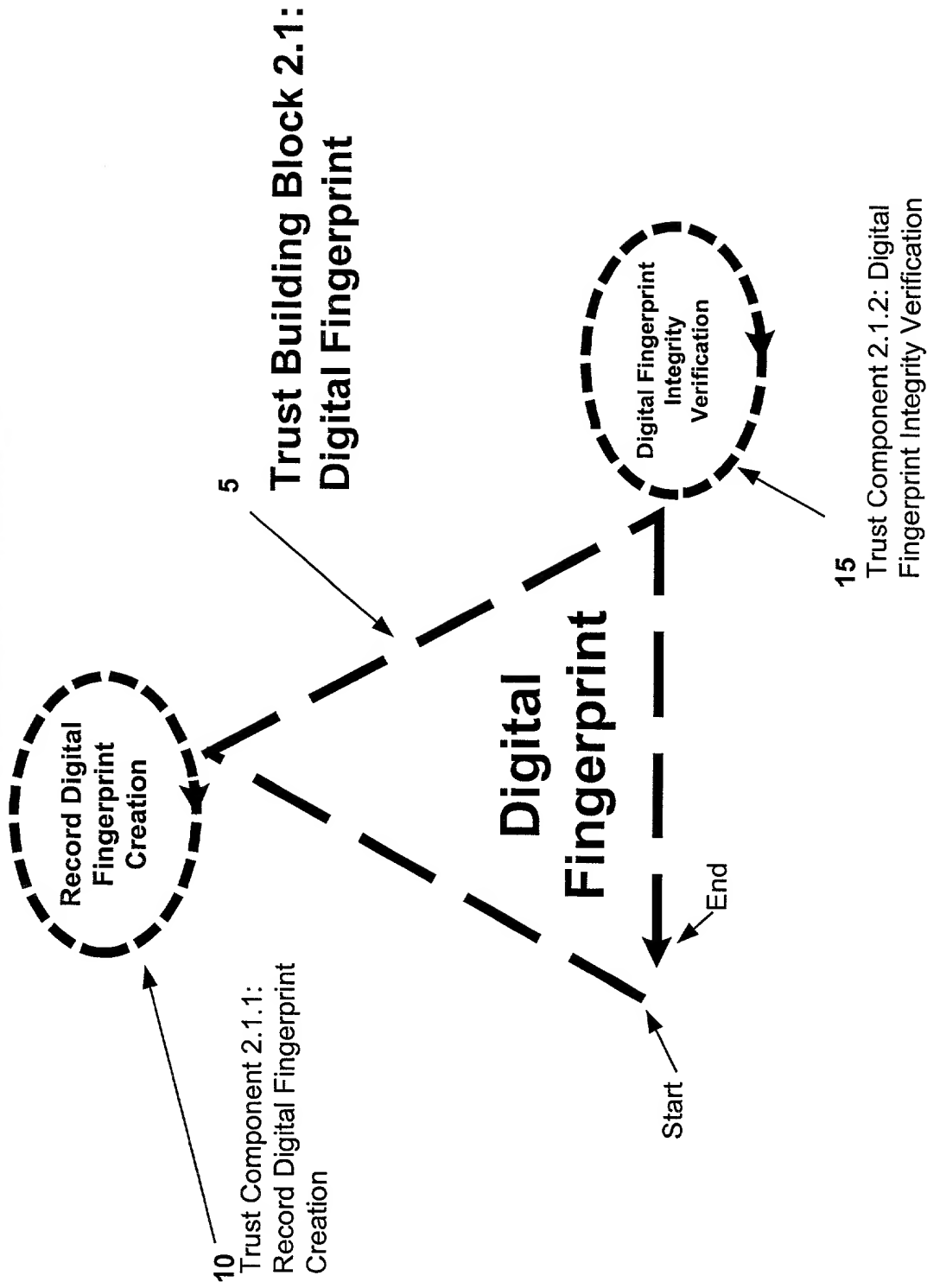
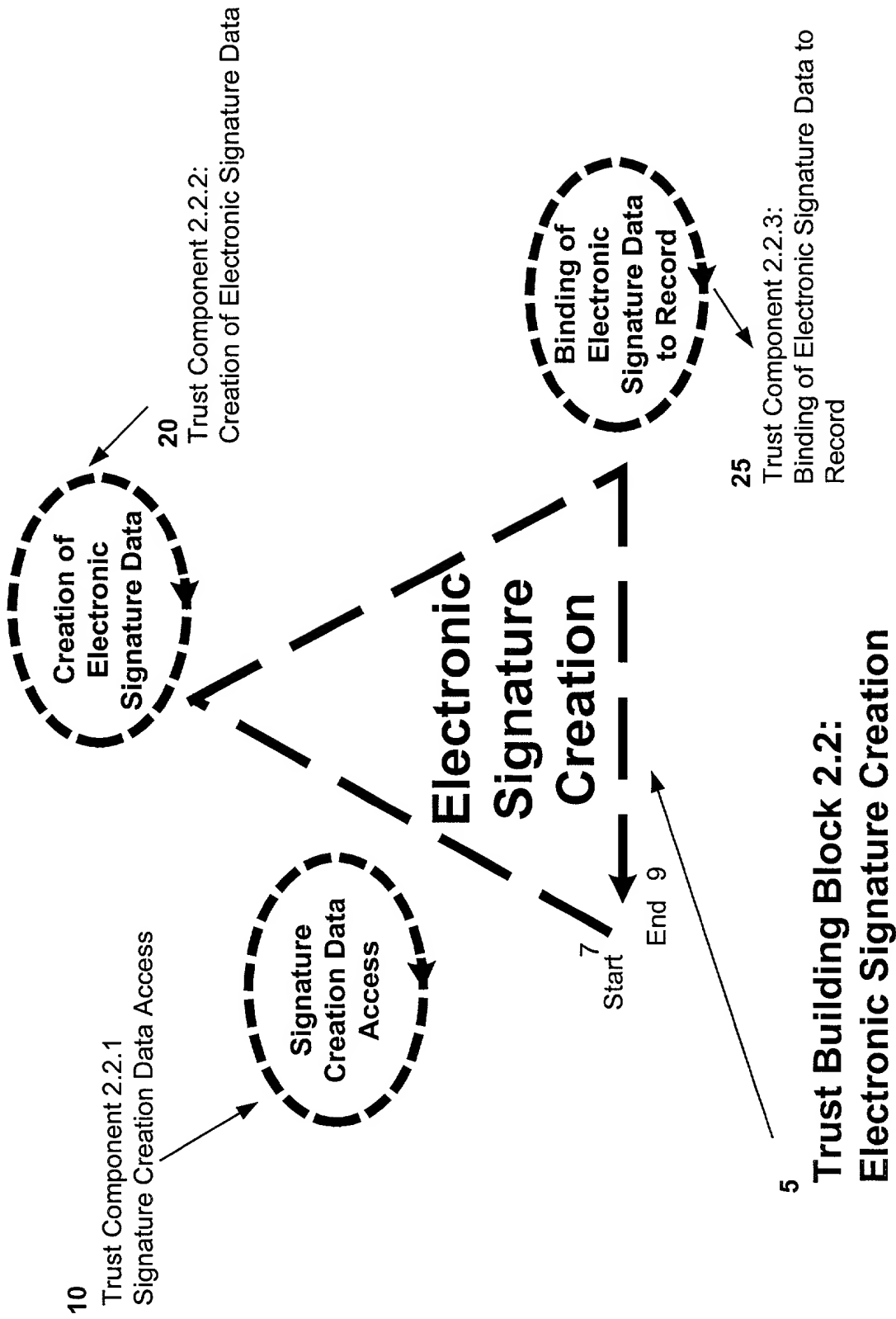


Figure 2.1: Trust Components of Trust Building Block 2.1: Digital Fingerprint



**Figure 2.2.:**  
The Trust Components of Trust Building Block 2.2:  
Electronic Signature Creation of Trust Segment 2: Trusted  
Information Integrity

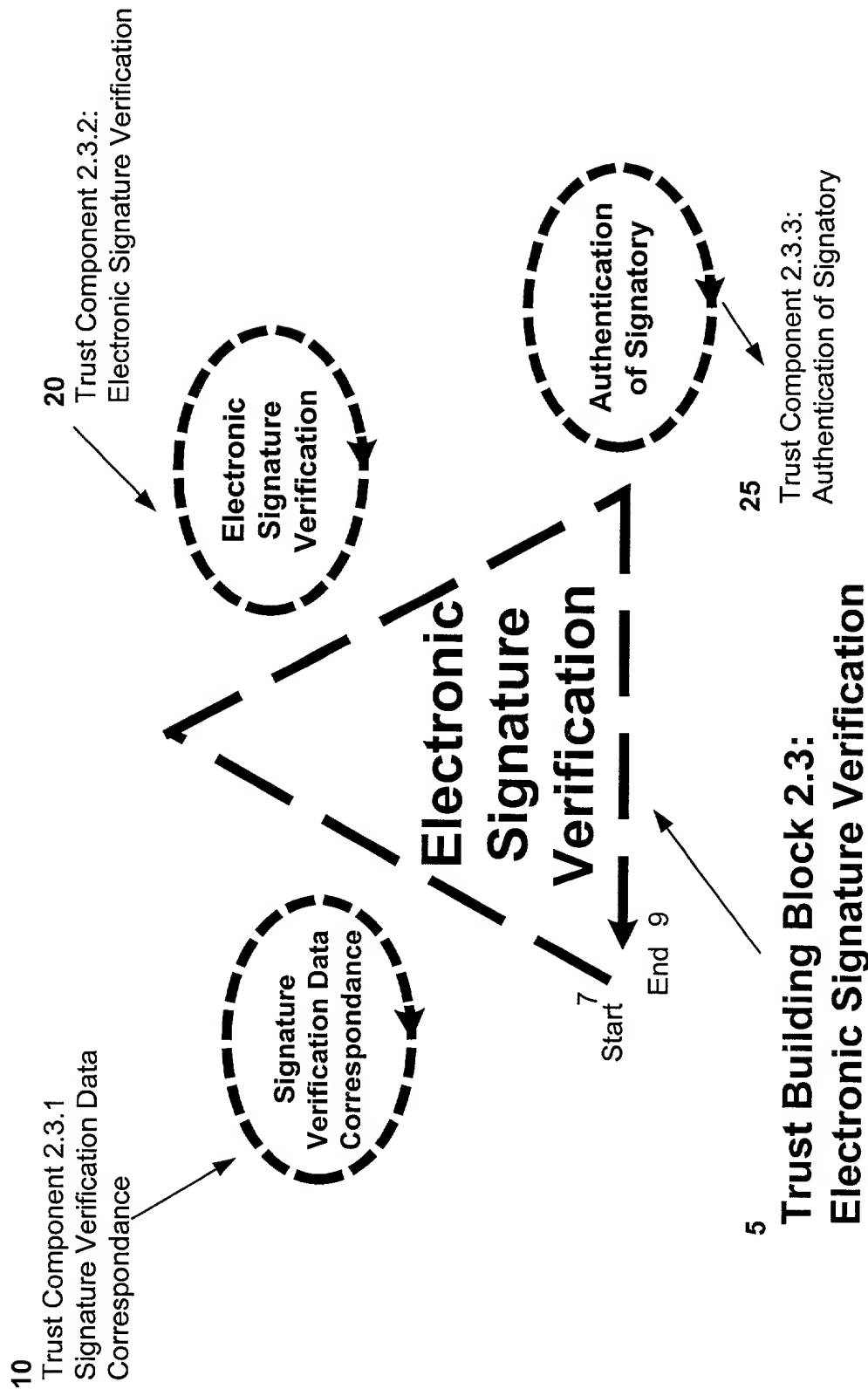


Figure 2.3 : The Trust Components of Trust Building Block 2.3: Electronic Signature Verification of Trust Segment 2: Trusted Information Integrity

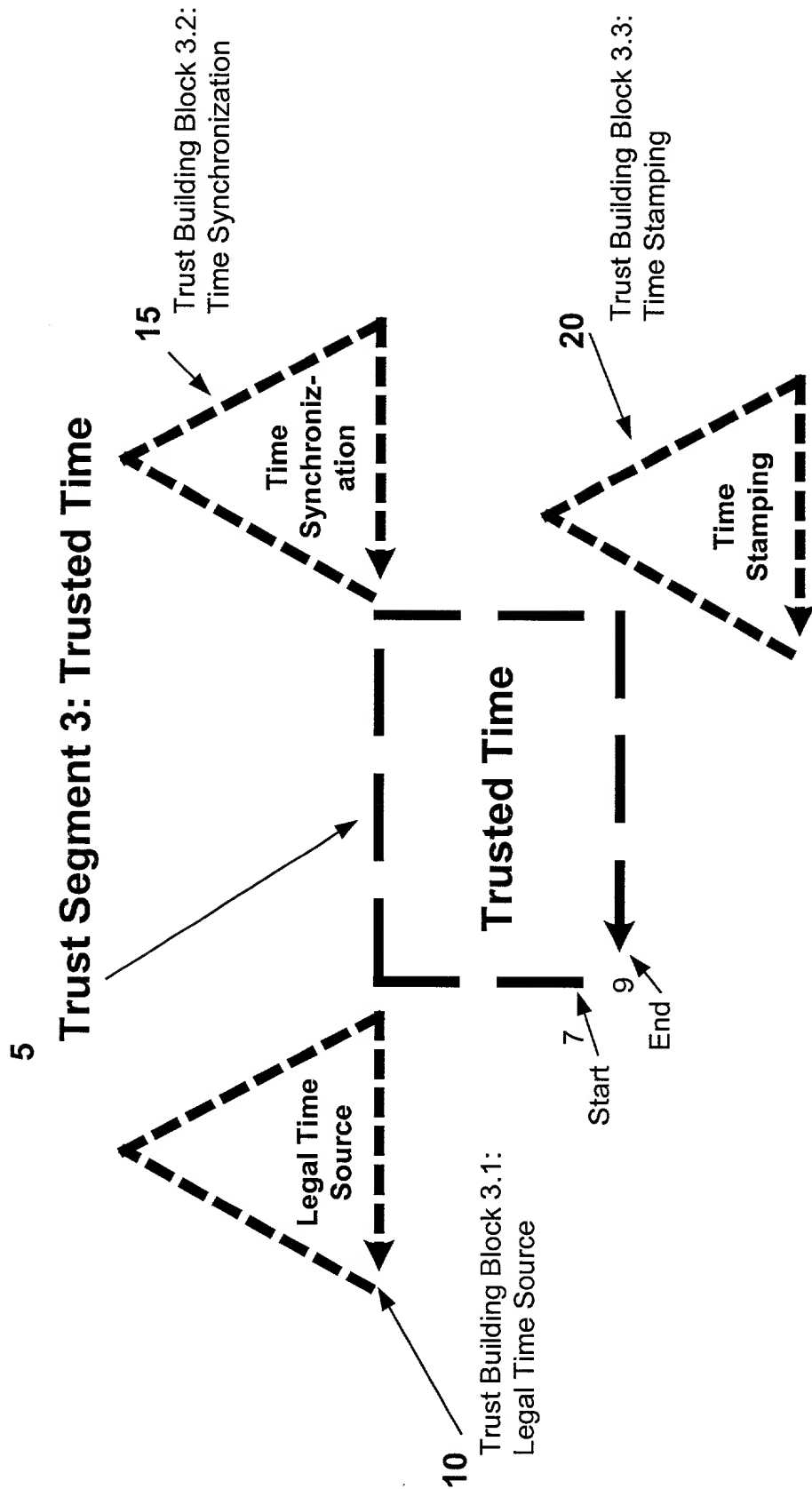


Figure 3.0 : Trust Building Blocks of Trust Segment 3:  
Trusted Time

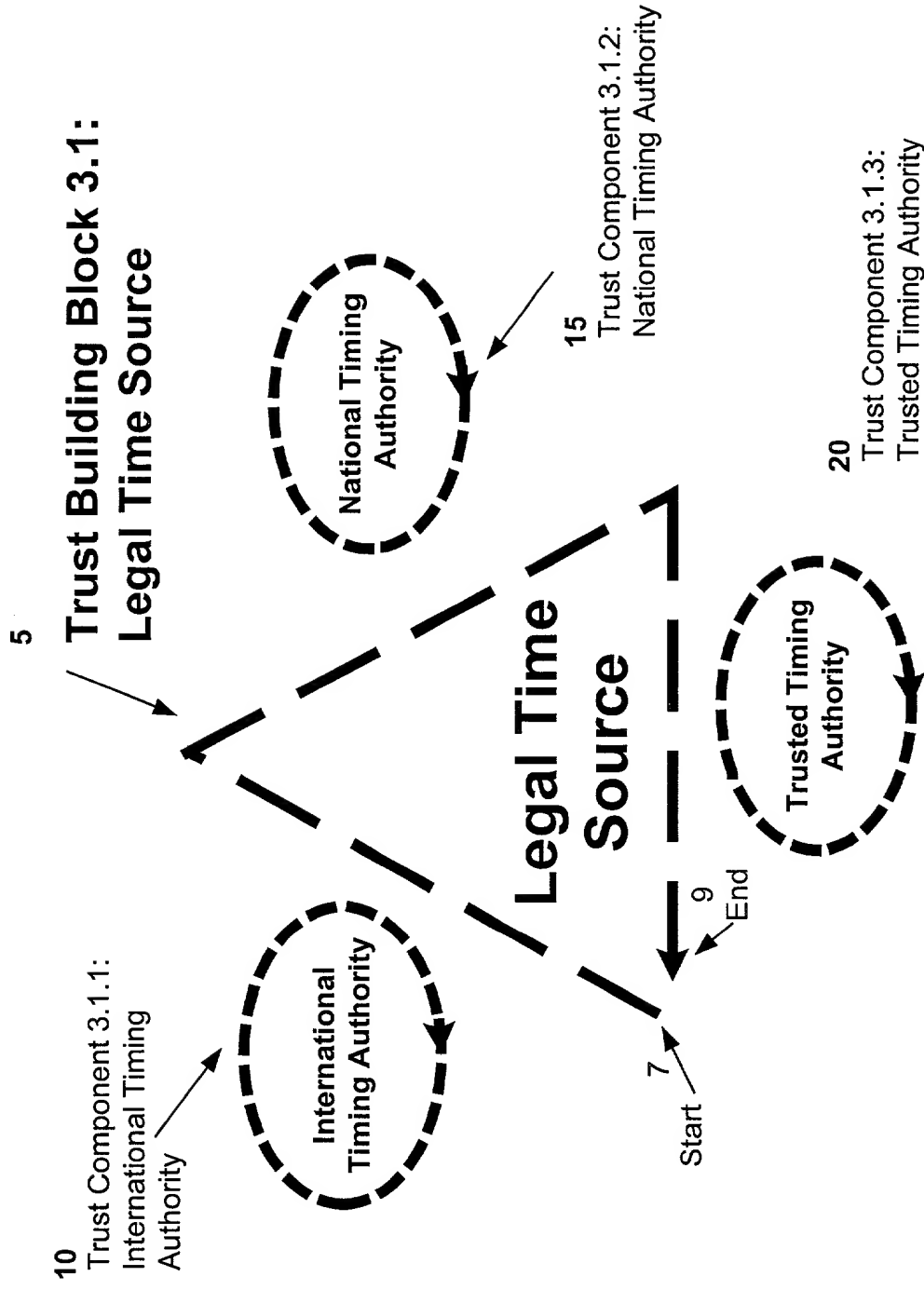
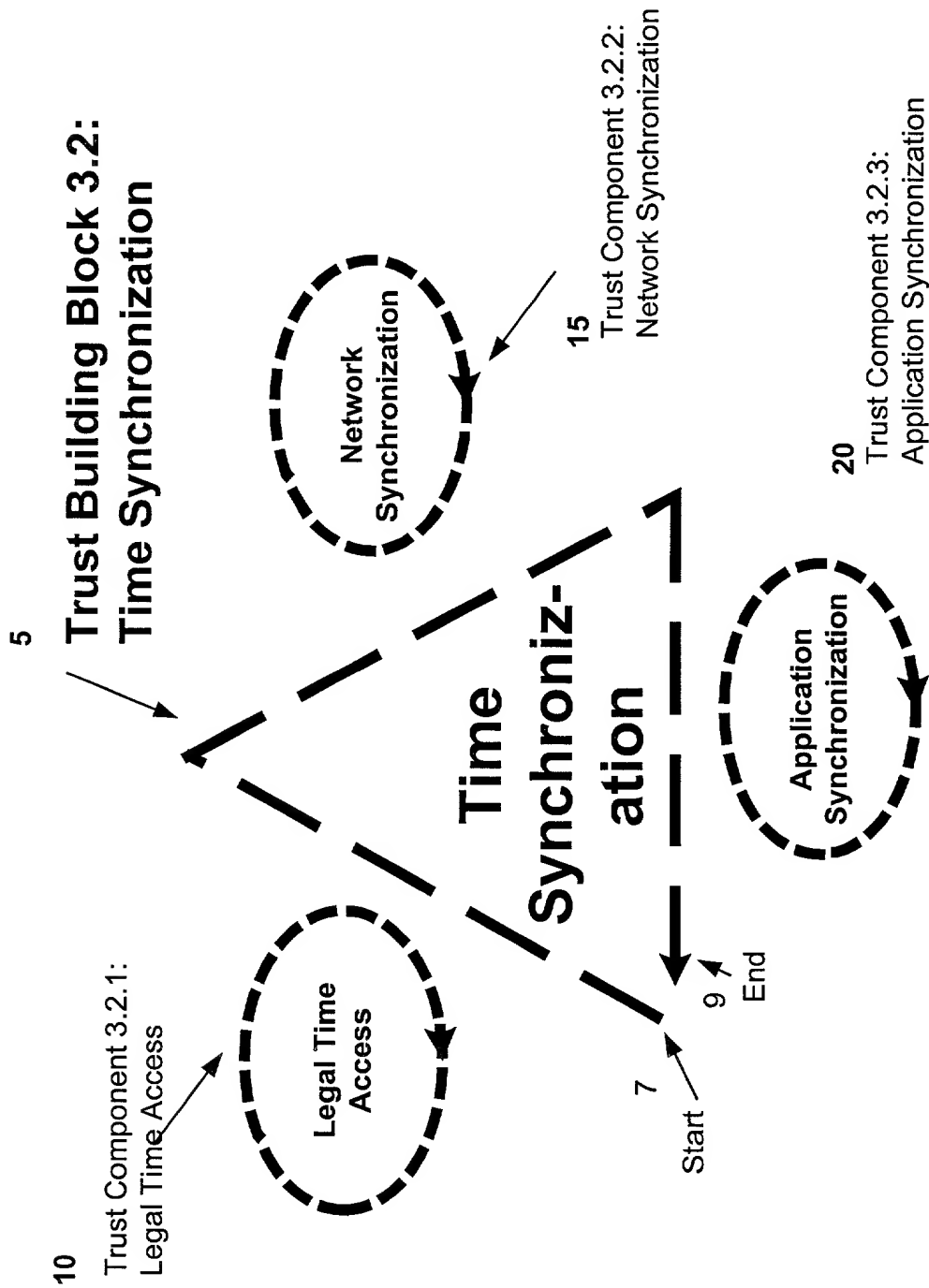


Figure 3.1/ : Trust Components of Trust Building Block 3.1: Legal Time Source



**Figure 3.2:** Trust Components of Trust Building Block 3.2: Time Synchronization

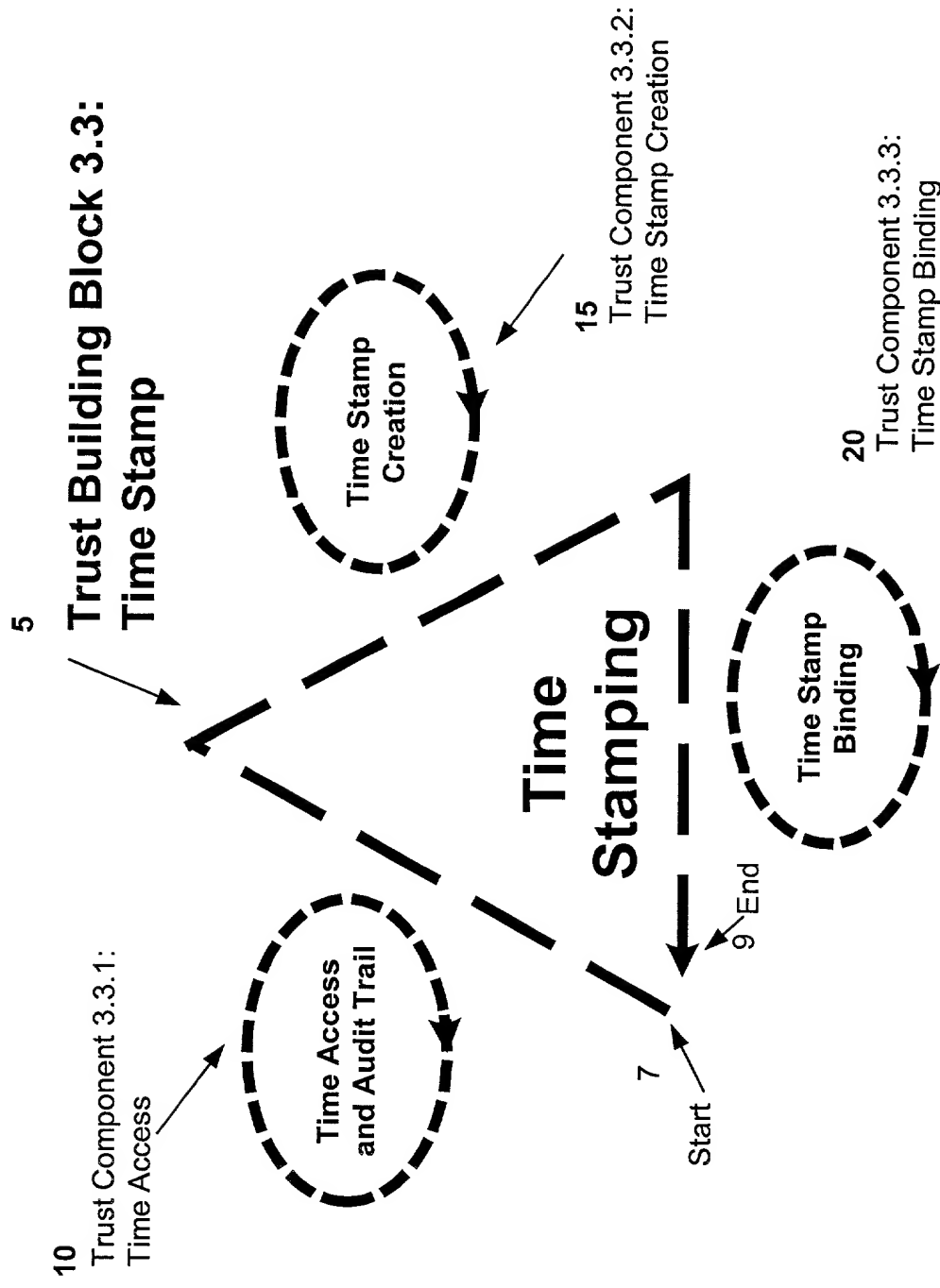
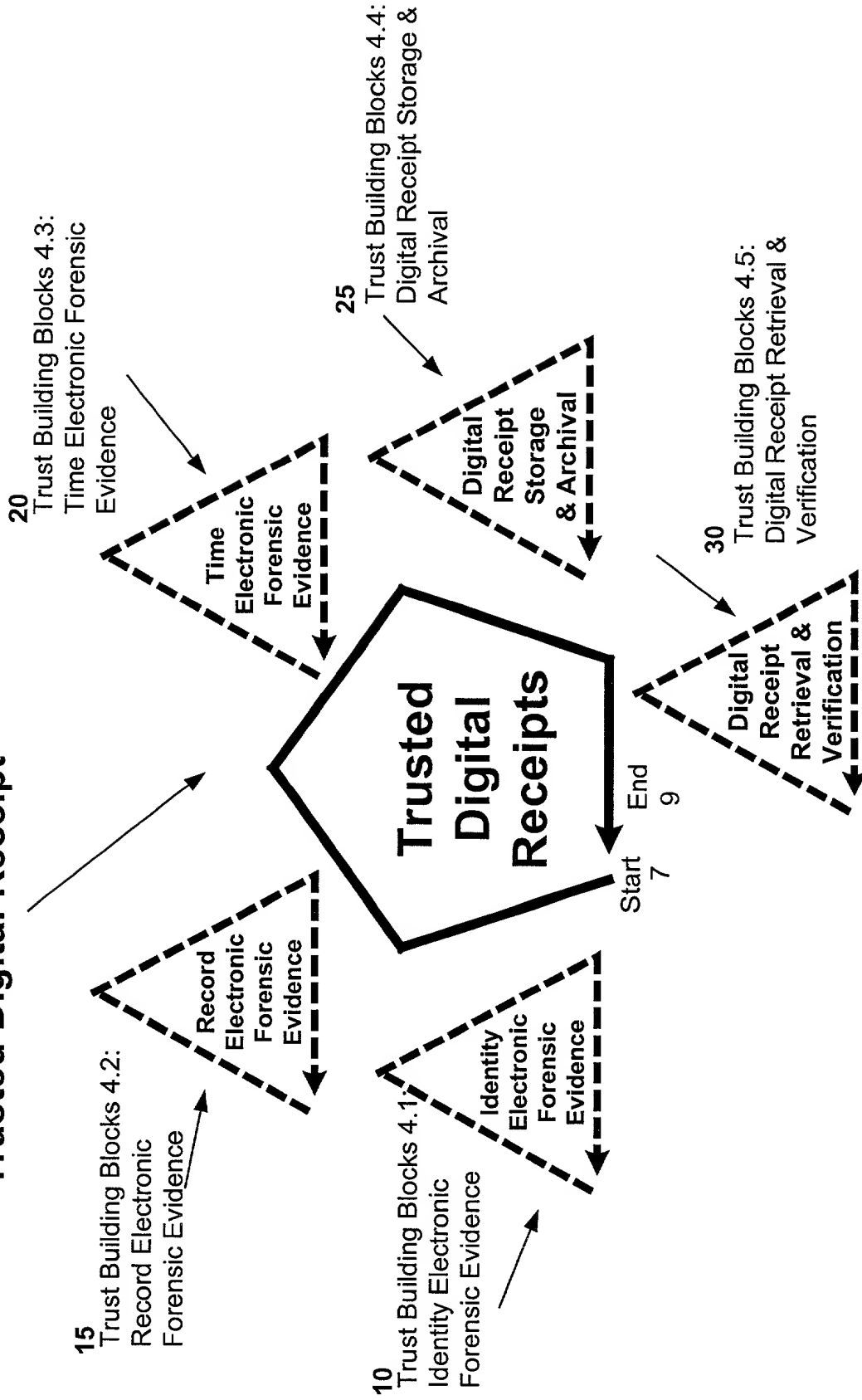


Figure 3.3 : Trust Components of Trust Building Block 3.3: Time Stamping



## Trust Segment 4: Trusted Digital Receipt



Trust Building Blocks of Trust Segment 4:  
Trusted Digital Receipts

Figure 4.0:

5

### Trust Segment 5: Trusted Access

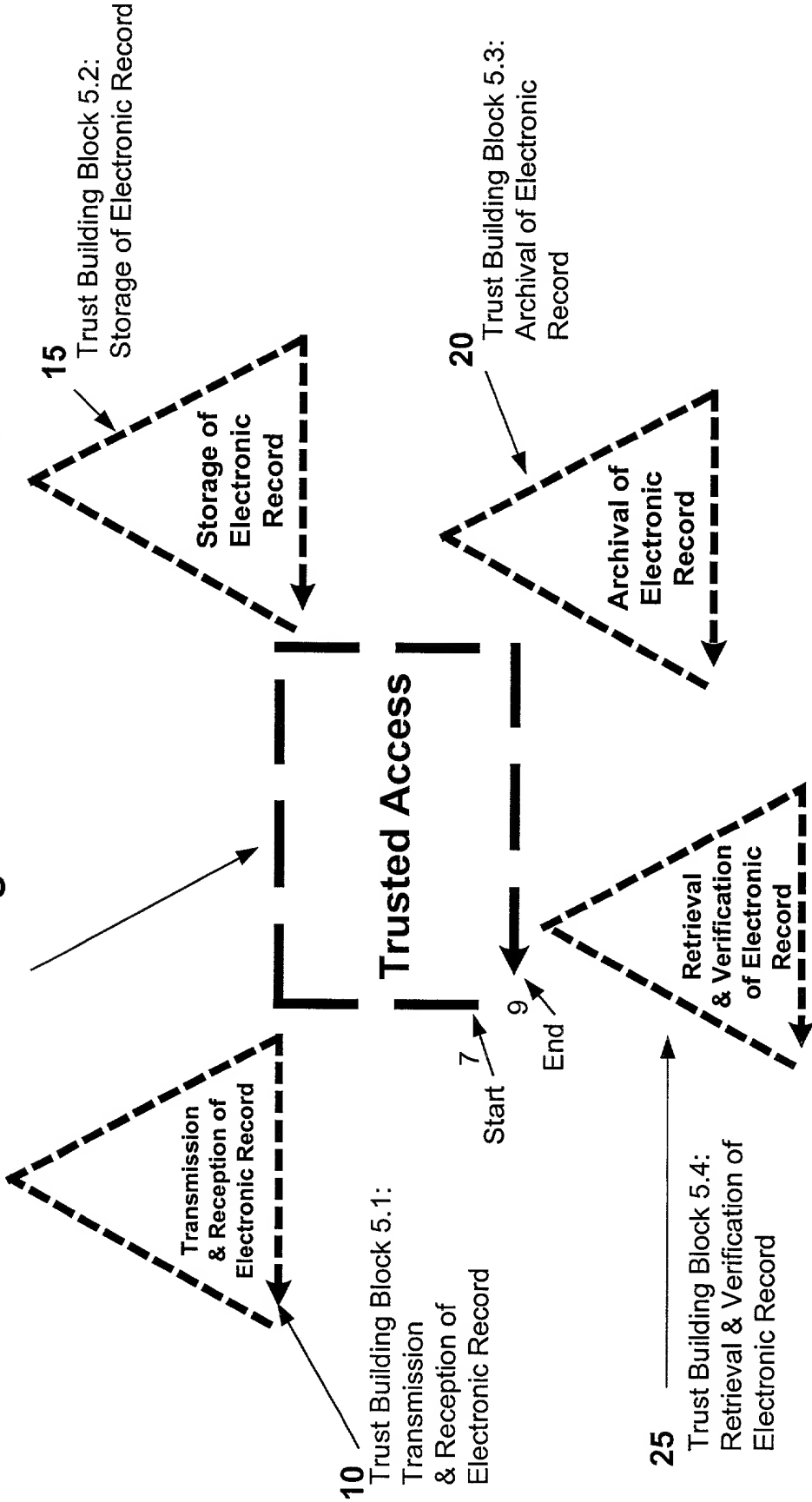


Figure 5.0 : Trust Building Blocks of Trust Segment 5: Trusted Access

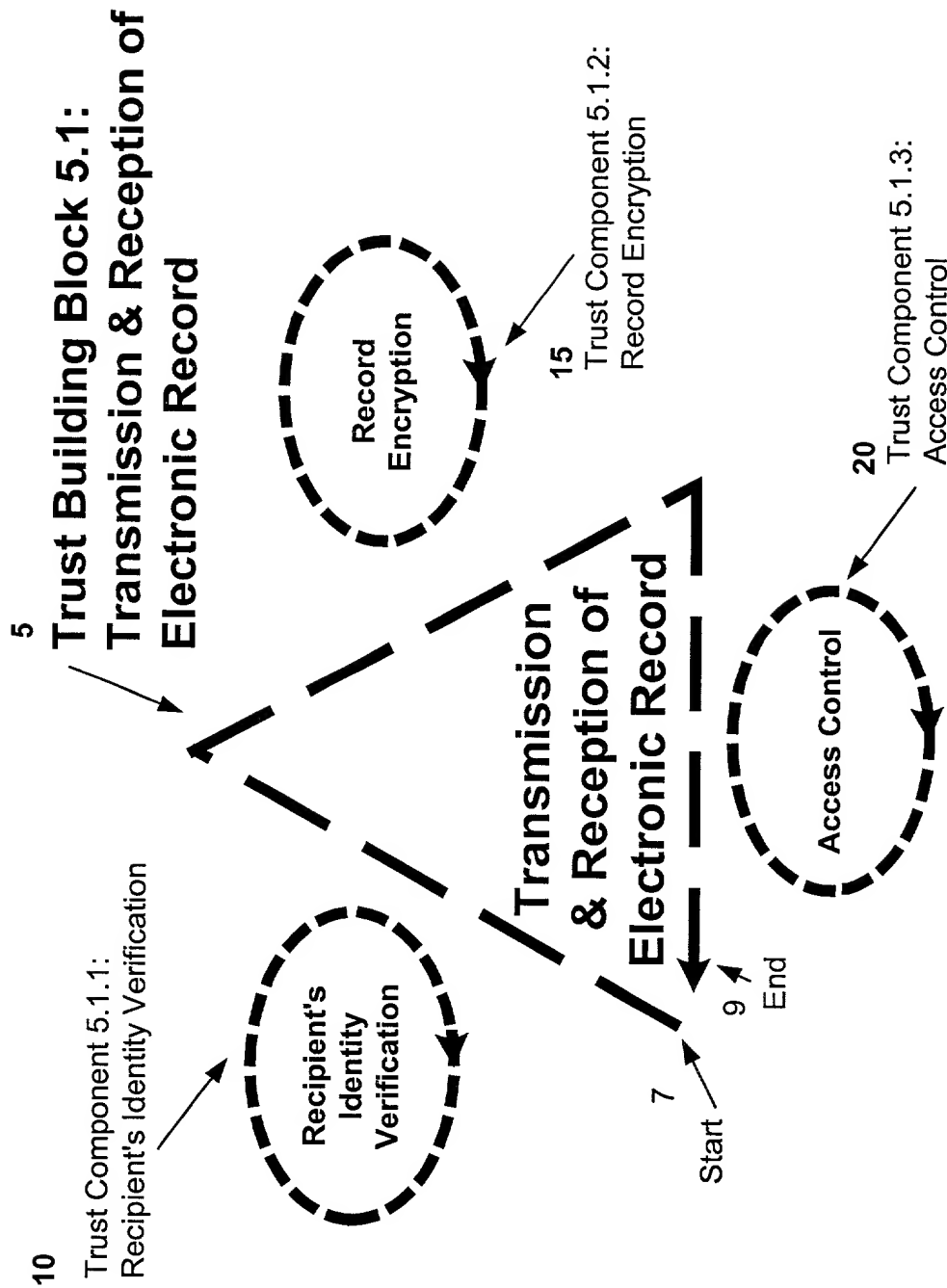
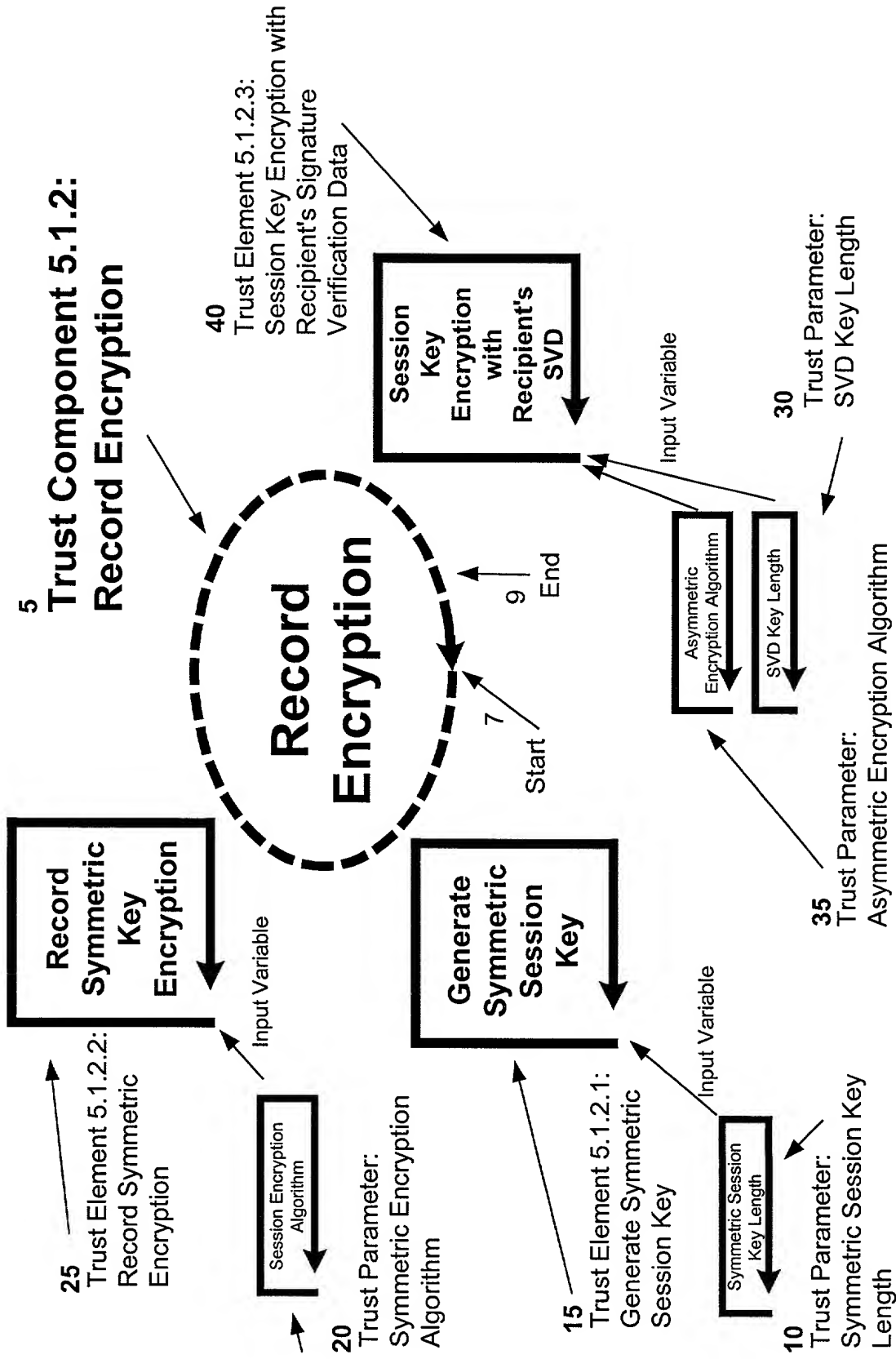
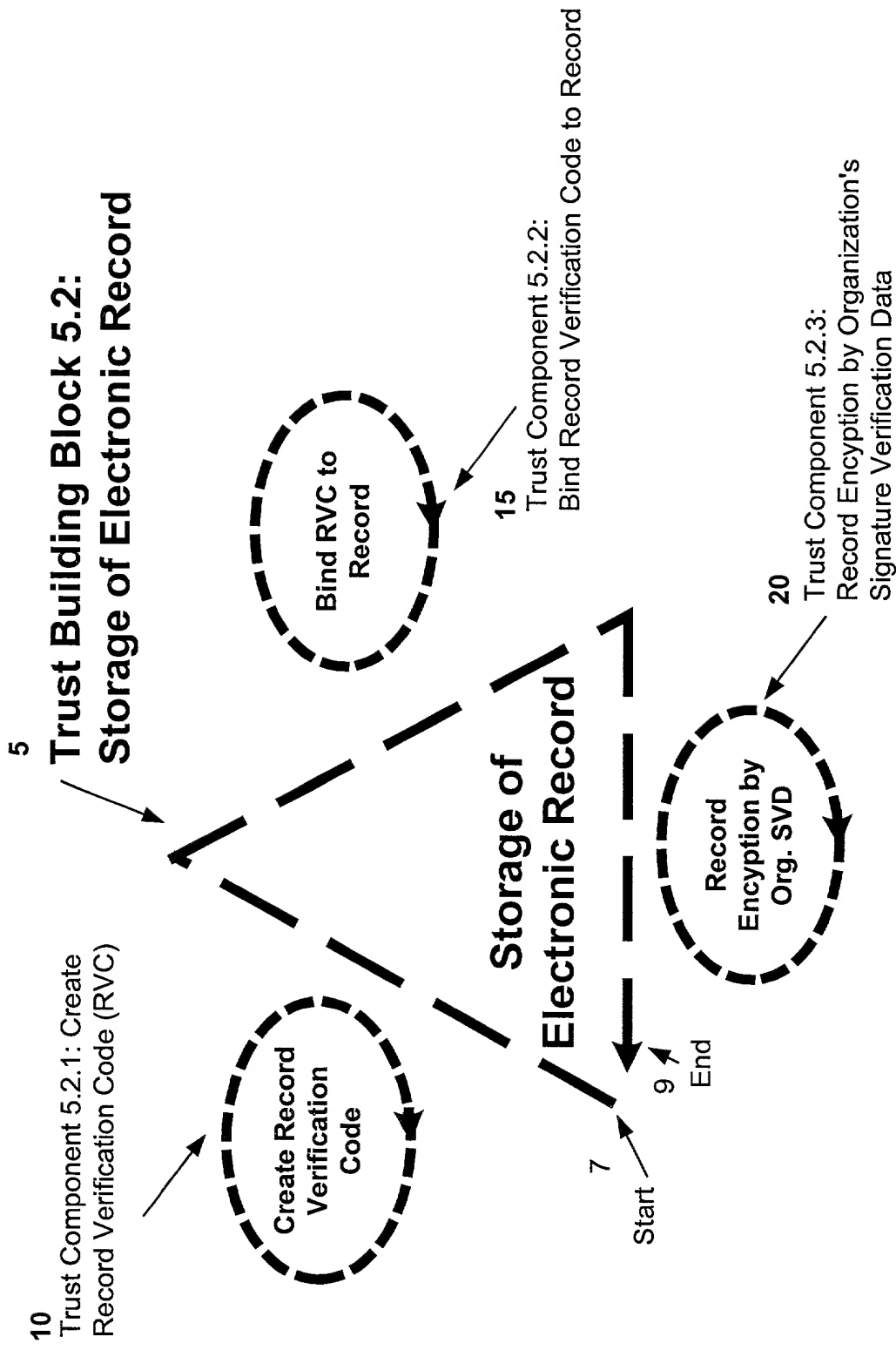


Figure 5.1.1: Trust Components of Trust Building Block 5.1:  
Transmission & Reception of Electronic Record



**Figure 5.1.2: Trust Elements of Trust Component 5.1.2: Record Encryption of Trust Building Block 5.1: Transmission and Reception of Electronic Record, of Trust Segment 5: Trusted Access**



**Figure 5.2:** Trust Components of Trust Building Block 5.2:  
Storage of Electronic Record

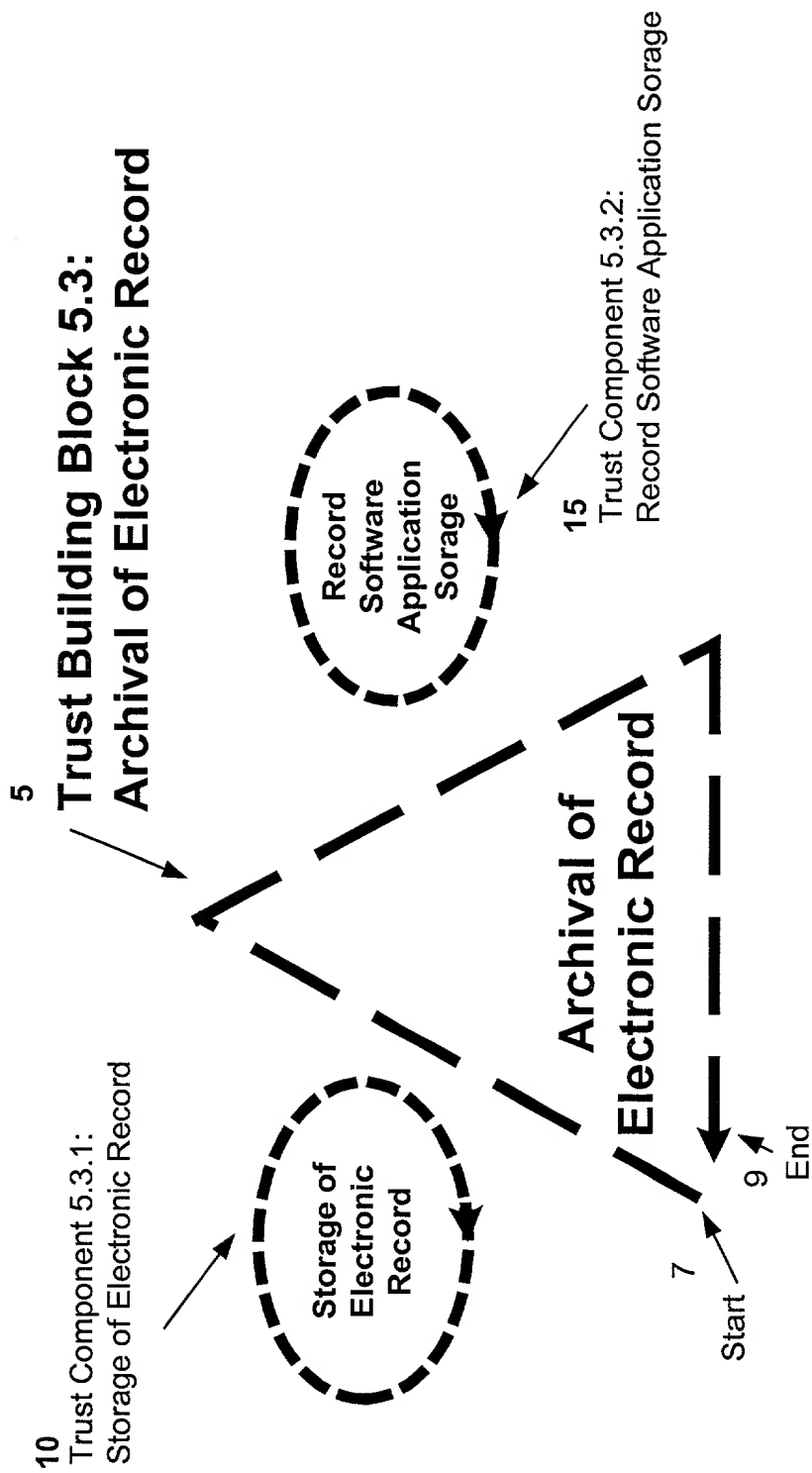
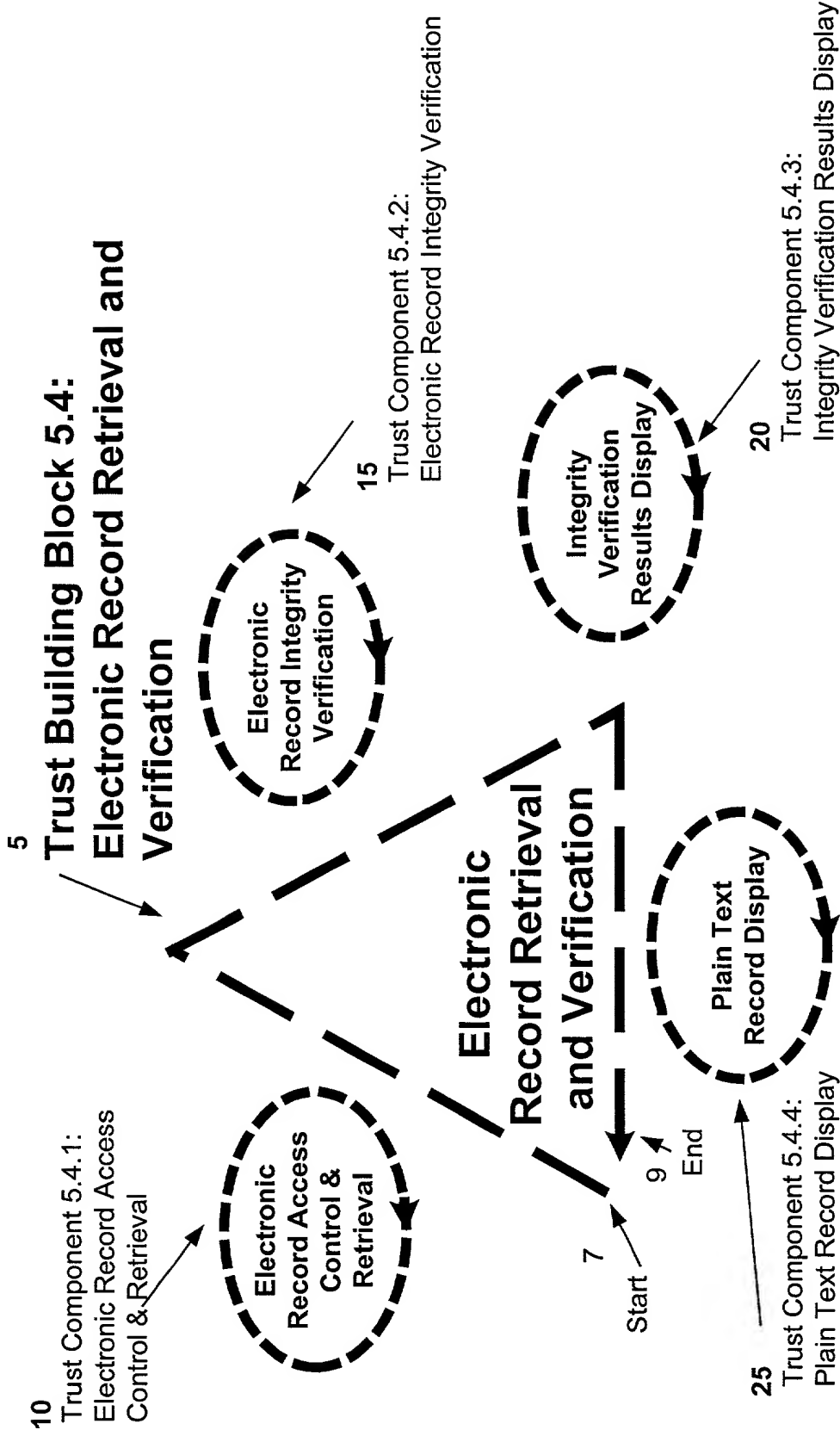


Figure 5.3 : Trust Components of Trust Building Block 5.3: Archival of Electronic Record



**Figure 5.4 :** Trust Components of Trust Building Block 5.4:  
Electronic Record Retrieval and Verification

# Trust Segment 6: Personal Information Privacy

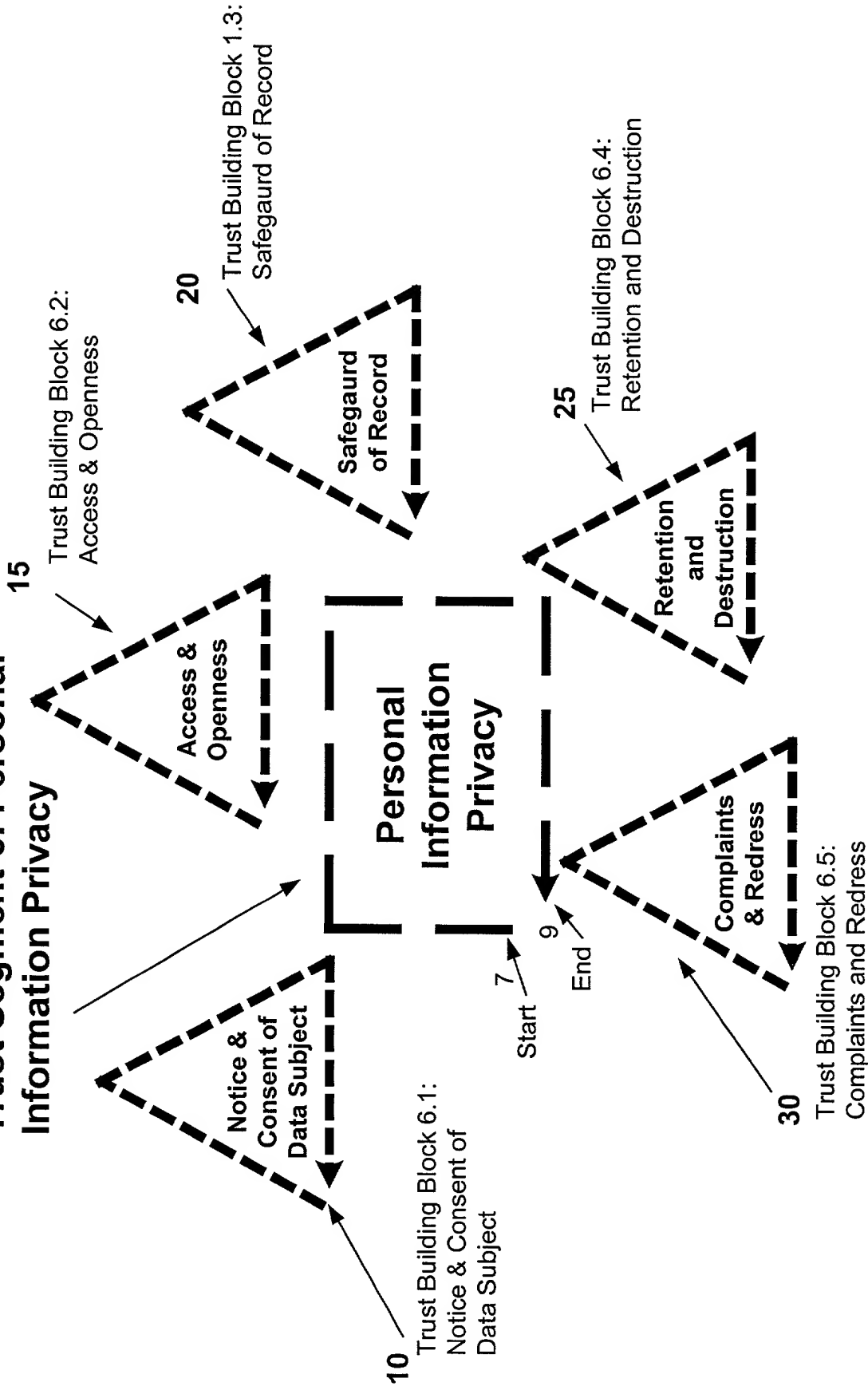


Figure 6.0 : Trust Building Blocks of Trust Segment 6: Personal Information Privacy



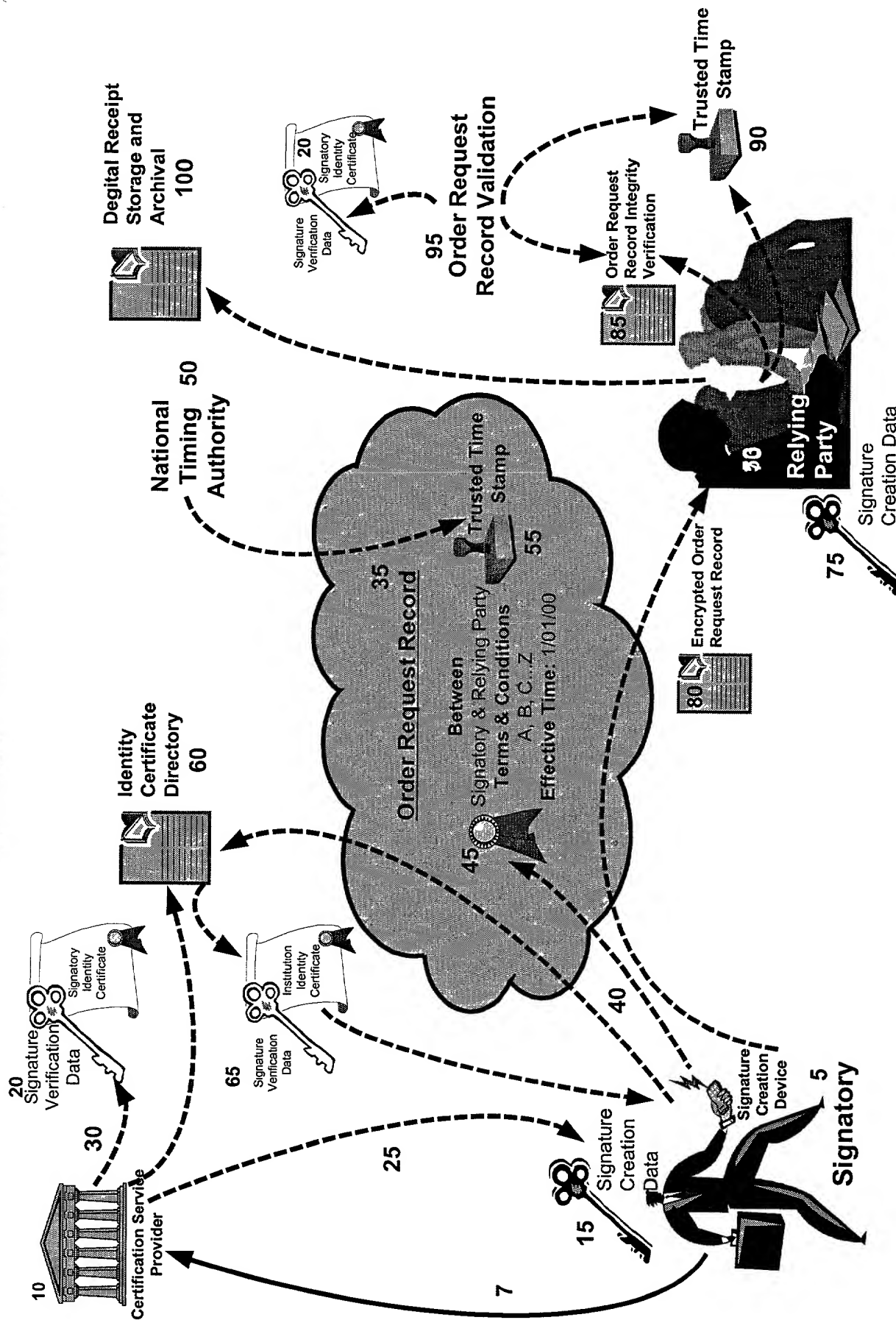


Figure 7: Exemplary eBP of a financial Transaction between a Customer (Signatory) and an Institution (Relying Party) using the inventive DCT methodology